

Appl. No. 10/752,870
Response Date: September 15, 2006
Reply to Office Action of June 15, 2006

Amendments to the Claims:

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A fluoroelastomer ~~composition~~; composition for use as a molding material for fuel cell stack gaskets or hard disc driving gaskets which comprises 100 parts by weight of vinylidene fluoride-perfluoro(methyl vinyl ether)-tetrafluoroethylene terpolymer, and 10 to 50 parts by weight of liquid fluoroelastomer having a viscosity of 500-3,000 cps at 100°C, 0.5 to 5 parts by weight of an organic peroxide, and 0.5 to 10 parts by weight of a polyfunctional unsaturated compound 100°C.

Claim 2 (Currently amended): A fluoroelastomer composition according to claim 1, wherein the terpolymer is a vinylidene fluoride-perfluoro(methyl vinyl ether)-tetra-fluoroethylene terpolymer with an iodine group and/or a bromine group as introduced into the terpolymer.

Claim 3 (Withdrawn): A fluoroelastomer composition, which comprises 100 parts by weight of vinylidene fluoride-hexafluoropropene copolymer and 10 to 50 parts by weight of liquid fluoroelastomer having a viscosity of 500 to 3,000 cps at 100°C.

Appl. No. 10/752,870
Response Date: September 15, 2006
Reply to Office Action of June 15, 2006

Claim 4 (Withdrawn): A fluoroelastomer composition according to claim 3, wherein the copolymer is a vinylidene fluoride-hexafluoropropene copolymer with one of iodine group and/or bromine group as introduced into the copolymer.

Claim 5 (Canceled):.

Claim 6 (Withdrawn): fluoroelastomer composition according to claim 3, wherein 0.5 to 5 parts by weight of an organic peroxide and 0.5 to 10 parts by weight of a polyfunctional unsaturated compound are further contained.

Claim 7 (Withdrawn): A fluoroelastomer composition according to claim 3, wherein 0.5 to 10 parts by weight of a polyol-based vulcanizing agent is further contained.

Claim 8 (Currently amended): A fluoroelastomer composition according to claim 1, ~~5~~, wherein ~~a cross-linked or vulcanized~~ product of the composition has a hardness of 20 to 50 in terms of Durometer A according to JIS K-6253 corresponding to ASTM D2240 Durometer Type A.

Claim 9 (Withdrawn): A fluoroelastomer composition according to claim 6, wherein cross-

Appl. No. 10/752,870

Response Date: September 15, 2006

Reply to Office Action of June 15, 2006

linked or vulcanized product of the composition has a hardness of 20 to 50 in terms of Durometer A according to JIS K-6253 corresponding to ASTM D2240 Durometer Type A.

Claim 10 (Withdrawn): A fluoroelastomer composition according to claim 7, wherein cross-linked or vulcanized product of the composition has a hardness of 20 to 50 in terms of Durometer A according to JIS K-6253 corresponding to ASTM D2240 Durometer Type A.

Claim 11 (Currently amended): A fluoroelastomer composition according to claim 1, ~~5~~ wherein a cross-linked or vulcanized product of the composition has a compression set of not more than 50% according to JIS K-6262 corresponding to ASTM D395 Test Method B.

Claim 12 (Withdrawn): A fluoroelastomer composition according to claim 6, wherein cross-linked or vulcanized product of the composition has a compression set of not more than 50% according to JIS K-6262 corresponding to ASTM D395 Test Method B.

Claim 13 (Withdrawn): A fluoroelastomer composition according to claim 7, wherein cross-linked or vulcanized product of the composition has a compression set of not more than 50% according to JIS K-6262 corresponding to ASTM D395 Test Method B.

Claim 14 (Canceled)

Appl. No. 10/752,870
Response Date: September 15, 2006
Reply to Office Action of June 15, 2006

Claim 15 (Withdrawn): A fluoroelastomer composition according to claim 6 for use as a molding material for sealing members.

Claim 16 (Withdrawn): A fluoroelastomer composition according to claim 7 for use as a molding material for sealing members.

Claim 17 (Currently amended): A fluoroelastomer composition according to claim 1, wherein a cross-linked product of the composition has 14 for use as a molding material for sealing member requiring a low-temperature characteristic of not more than -25°C in terms of TR10 value.

Claim 18 (Withdrawn): A fluoroelastomer composition according to claim 15 for use as a molding material for sealing members requiring a low-temperature characteristic of not more than -25°C in terms of TR10 value.

Claim 19 (Withdrawn): A fluoroelastomer composition according to claim 16 for use as a molding material for sealing members requiring a low-temperature characteristic of not more than -25°C in terms of TR10 value.

Claim 20 (Canceled):

Appl. No. 10/752,870
Response Date: September 15, 2006
Reply to Office Action of June 15, 2006

Claim 21 (Withdrawn): A fluoroelastomer composition according to claim 6 for use as a molding material for fuel cell stack gaskets.

Claim 22 (Withdrawn): A fluoroelastomer composition according to claim 7 for use as a molding material for fuel cell stack gaskets.

Claim 23 (Canceled):

Claim 24 (Withdrawn): A fluoroelastomer composition according to claim 6 for use as a molding material for hard disc driving gaskets.

Claim 25 (Withdrawn): A fluoroelastomer composition according to claim 7 for use as a molding material for hard disc driving gaskets.

Claim 26 (New): A cross-linked product containing an uncross-linked liquid fluoroelastomer obtained by cross-linking the fluoroelastomer composition according to Claim 1.